



MACH4METAL

Metalworking machinery

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CNC Waldrich Siegen Portal Plano milling 6 axis

- Make : Waldrich - Siegen
- Typ : **PF-F-150(1)-530/400**
- No. : 11.093/0
- Age : Overhault 2004 (Euro 2.2 Mil)

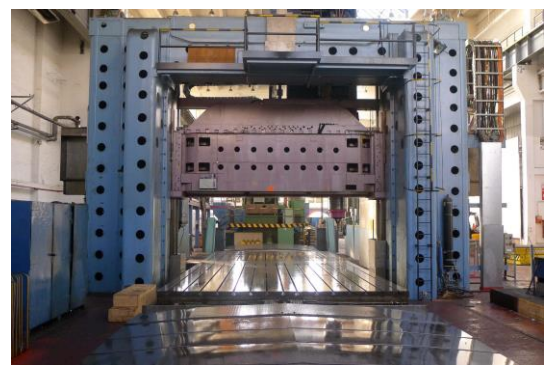
- X Travel : 12.000
- Y Travel : 7.300
- Z Travel : 3.000
- W Travel : 4.000

- Between column : 5.000
- Table width : 4.730
- Table length : 12.000
- Table load : 19 t / mtr. Ca. 250 ton
- Table feed : 10.000 mm/min.
- W axis : 3.000 mm/min.
- T axis : 6.000 mm/min.

- Cross adj. milling head :
- Vert. adj. cross rail :

- Horizontal hydrostatic spindle ram
- Milling spindle Ø : 560
- Milling tool taper : iso 60
- C axis feed : 5.000 mm/min.
- Milling motor : 90 kW
- Spindle speed : 2.500 R/pm

- Z axis stroke : 3.000
- Z axis feed : 2.000 mm/min.



- Milling Küma Angle head WF2 90 kw- 450
- Milling Küma Uni. UB1D 60 kw - 2400
- Milling Küma Fixed GB1D 90 kw- 2400
- Milling Küma Angle head WF1?

- Electric requirement : 3 x 400 V / 50 Hz
- Power requirement : 600 kVA / 630 Amp
- Capacity 4.000 L coolant true spindle 20/40 Ba

Machine is rebuild in 2004 by Schiess

Bed - Table assembly group:

- * Renewal of sliding lining
- * Grinding of guideway
- * Renewal of table drive
- * Direct linear measuring syst.
- * Hydrostatic

Portal and cross rail:

- * Modification of adjusting spindle trape
- Zoidal spindle was replaced with ball screw
- * Direct linear measuring syst.
- * New drive motors for relization of higer speed on feed axes of milling support.
- * New milling support with hydrostatic guideways

Electric system:

- * Complet elctric cabinet switchgear
- * Complet new wire
- * Siemens Sinumrik 840 D in 6 axis !!

Equipment / parts :

- * Complet new raumag janich covers
- * Complet new double chip conveyor
- * Complet with big tooling packet
- * Complet with big mounting equipment
- Under power in Europe
- Free directly
- Controlled axis **X / Y / Z / W / C / B** axis
- Over all **height** : 10.475 mm
- Over all **width** : 11.934 mm
- Over all **length** : 30.000 mm
- Total weight : ca. 350.000 Kg

